OMB No. 0651-0011

		Page 1 of 10
INFORMATION	Atty. Docket No.: 293.00020101	Serial No.: 10/038,564
DISCLOSURE STATEMENT	Applicants: Emery et al.	Confirmation No.: 3292
	Filing Date: January 3, 2002	Group: 1646
OIPE	Information Disclosure Statement Filed:	August <u>Z6</u> , 20

AUG 2 8 2002

U.S. PATENT DOCUMENTS

Examinat. Initial		ocument Number	Date	Name	Class	Subclass	Filing Date If Appropriate
100	4,1	67,560	09/11/79	Wohler, Jr.	•		
M	4,4	52,775	06/05/84	Kent			
MM	4,6	26,416	12/02/86	DeVoe et al.			
M	4,6	63,161 °	05/05/87	Mannino et al.			
4111	4,6	81,761	07/21/87	Mietzner et al.			
MM	4,7	48,018	05/31/88	Stolle et al.			
1111	4,8	71,488	10/03/89	Mannino et al.			
400	4,9	81,685	01/01/91	Healey			
W-	5,1	41,743	08/25/92	Schryvers			
M	5,2	92,869	03/08/94	Schryvers			
$M\setminus$	5,5	34,256	07/09/96	Potter et al.			
M	5,5	38,733	07/23/96	Emery et al.			
1	5,5	78,314	11/26/96	Cochrum et al.			
1111	5,5	87,166	12/24/96	Donachie			
m	5,6	88,682	11/18/97	Mulks et al.			
100	5,8	30,479	11/03/98	Emery et al.			
m	5,8	85,589	03/23/99	Foged et al.			
M	5,9	06,826	05/25/99	Emery et al.			
wit	6,0	27,736	02/22/00	Emery et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Subclass	Trans Yes	lation No
m	2	,029,906	09/02/00	Canada				

EXAMINER Minafield	Date Considered 7/7/03
*Examiner: Initial if citation considered, whether or not citation is in cor	formance with MPEP 609: Draw line through citation if not in

*Examiner: Initial if chation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT

Atty. Docket No.: 293.00020101

Serial No.: 10/038,504

Applicants: Emery et al.

Confirmation No.: 5492

Filing Date: January 3, 2002

Group: 1646

Information Disclosure Statement Filed: August 26, 2002

(A)					 	
MM TO	0 287 206 A1	10/19/88	EP	1		
Ms	WO 90/11349 A1	10/04/90	PCT (with English language abstract)			X
JMM .	WO 90/12591	11/01/90	PCT			
M	WO 95/21627	08/17/95	PCT			
M	WO 01/37810 A2, A3	05/31/01	PCT	•	1	1

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial		Document Description
		Albertí et al., "A porin from <i>Klebsiella pneumoniae</i> : sequence homology, three-dimensional model, and complement binding," <i>Infect Immun.</i> , 1995 Mar.;63(3):903-10.
MM		Alurkar et al., "Immunomodulatory Properties of Porins of Some Members of the family <i>Enterobacteriaceae," Infection and Immunity,</i> 1997 June; 65(6):2382-2388.
M	У	Ames, "Resolution of Bacterial Proteins by Polyarcylamide Gel Electrophoresis on Slabs," <i>J. of Biol. Chem.</i> , 1974; <i>249</i> (2):634-644.
M	ж	Arp, "Response of Turkeys to Escherichia coli," Poultry Digest, 1994 Apr.; 142 and 146.
M	*	Ausubel et al., eds., <i>Current Protocols in Molecular Biology</i> , John Wiley & Sons, Inc., 1998; cover pg., publication pg., and table of contents only. (12 pgs.).
	¥	Banerjee-Bhatnagar et al., "Expression of <i>Neisseria meningitidis</i> Iron-Regulated Outer Membrane Proteins, Including a 70-Kilodalton Transferrin Receptor, and Their Potential for Use as Vaccines," <i>Infect. Immunity</i> , 1990 Sept.; 58(9):2875-2881.
MM		Bolin et al., "Passive Immunization with Antibodies Against Iron-Regulated Outer Membrane Proteins Protects Turkeys from <i>Escherichia coli</i> Septicemia," <i>Infect. Immun.</i> , 1987 May; 55(5):1239-1242.
		Boothby et al., "Characterization of Antigens from Mycoplasmas of Animal Origin," <i>Am. J. Vet. Res.</i> , 1983 March; 44:433-439.

EXAMINER MM Minnifuld	Date Considered 7/7/23
*Examiner: Initial if citation considered, whether of not citation is in con	nformance with MPEP 609; Draw line through citation if not in

*Examiner: Initial if citation considered, whether of not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



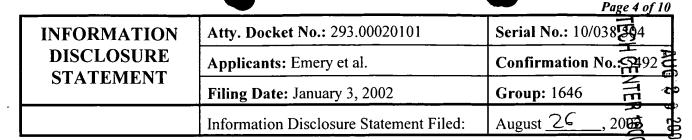
Atty. Docket No.: 293.00020101	Serial No.: 10/038,574
Applicants: Emery et al.	Confirmation No.: \$492
Filing Date: January 3, 2002	Group: 1646
Information Disclosure Statement Filed:	August <u>26</u> , 20

- minor	Document Description 90
Paminer Inchial	Document Description 8
JAM STEEL	Bouchet et al., "Immunological Variants of the Aerobactin-Cloacin DF13 Outer Membrane Protein Receptor IutA among Enteric Bacteria," <i>Infect. and Immun.</i> , 1994 July; 62(7):3017-3021.
AMA SE	Bragg et al., "Organization of Proteins in the Native and Reformed Outer Membrane of <i>Escherichia Coli</i> ," <i>Biochim. Biophys. Acta.</i> , 1972; 274:478-488.
	Brogden et al., "Lysates of Turkey-grown <i>Pasteurella multocida</i> : Effects of Solubilizing Agents on the Immunologic Properties of Membrane Vesticles," <i>Am. J. Vet. Res.</i> , 1983; 44:428-432.
MM +	Chart et al., "Antigenic and molecular Homology of the Ferric Enterobactin Receptor Protein of <i>Escherichia coli</i> ," <i>J. of Gen. Microb.</i> , 1985; <i>131</i> :1503-1509.
M	Choi-Kim et al., "Relationship between the iron regulated outer membrane proteins and the outer membrane proteins of vivo grown <i>Pasteurella multocida</i> ," <i>Vet. Microbiol.</i> , 1991; 28:75-92.
	Coulton et al., "Protein II Influences Ferrichrome-iron Transport in <i>Escherichia coli</i> K12," <i>J. Gen. Microbiol.</i> , 1979; <i>110</i> :211-220.
M	Courcol et al., "Siderophore production by <i>Staphylococcus aureus</i> and identification of iron-regulated proteins," <i>Infect. Immun.</i> , 1997 May; 65(5):1944-8.
	Crichton, "Microbial Iron Uptake and Intracellular Release" In: <i>Inorganic Biochemistry of Iron Metabolism</i> , Burgess, (ed)., 1991, Ellis Horwood Limited, Chichester, England, 59-76.
	Crist et al., <i>Mastits and its Control</i> , [online]. University of Kentucky, College of Agriculture. [retrieved on 2002-07-15]. Retrieved from the Internet: <url:http: agc="" asc="" asc140="" asc140.htm="" pubs="" www.ca.uky.edu="">. 22 pgs.</url:http:>
	Crosa, "The Relationship of Plasmid-Mediated Iron Transport and Bacterial Virulence," <i>Ann. Rev. Microbiol.</i> , 1984; 38:69-89.
	Danve et al., "Transferrin-binding proteins isolated from <i>Neisseria meningitidis</i> elicit protective and bactericidal antibodies in laboratory animals," <i>Vaccine</i> , 1992; <i>11</i> (12):1214-1220.
	Dziaba et al., "An attempt to immunize pigs against colibacteriosis under field conditions," <i>Medycyna Weterynaryjna</i> , 1984; 40(8):455-457 (English abstract).

EXAMINER	•		Date Conside	ered
hhmi	$n\Lambda$.	100	/ V	1/2/02
/////d	MAR	guld	7	// //03

*Examiner: Initial if citation considered, whether of not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

OMB No. 0651-0011



Examiner Inida		Document Description 8						
Alls 2	301	El-Shobaki et al., "Mucosal Transferrin and Ferritin Factors in the Regulation of Iron Absorption," <i>Res. Exp. Med.</i> , 1977; 171(3):243-253.						
YM	12 30 A	Erdei et al., "Lactoferrin Binds to Porins OmpF and OmpC in <i>Escherichia coli</i> ," <i>Infec. Immun.</i> , 1994 Apr.; 62(4):1236-1240.						
ACCT I	AKS	"E-Toxate® (Technical Bulletin No. 210). SIGMA Chemical Company, St. Louis, MO, 1998. 1-4.						
M	À	Feng et al., "P55, an Immunogenic but Nonprotective 55-Kilodalton <i>Borrelia burgdorferi</i> Protein in Murine Lyme Disease," <i>Infect. and Immun.</i> , 1996 Jan.; 64(1):363-365.						
		Filip et al., "Solubilization of the Cytoplasmic Membrane of <i>Escherichia coli</i> by the Ionic Detergent Sodium-Lauryl Sarcosinate," <i>J. Bacteriology</i> , 1973 Sept.; 115(3):717-722.						
		Finkelstein et al., "Role of Iron in Microbe-Host Interactions," <i>Reviews of Infectious Diseases</i> , 1983 SeptOct.; 5(Suppl. 4):S759-S776.						
1111		Francis et al., "Immunological Priming with Synthetic Peptides of Foot-and-Mouth Disease Virus," <i>J. Gen. Virol.</i> , 1985; 66:2347-2354.						
		Furugouri, "Iron Binding Substances in the Intestinal Mucosa of Neonatal Piglets," <i>J. Nutr.</i> , 1977 Mar.; <i>107</i> (3):487-494.						
M	4	Gilleland, Jr. et al., "Perspectives on the Potential for Successful Development of Outer Membrane Protein Vaccines," <i>Eur. J. Clin. Microbiol.</i> , 1987 June; 6(3):231-233.						
M		Gilmour et al., "Vaccine containing iron-regulated proteins of <i>Pasteurella haemolytica</i> A2 enhances protection against experimental pasteurellosis in lambs," <i>Vaccine</i> , 1991 Feb.; 9:137-140.						
		Glisson et al., "Cross-Protection Studies with Pasteurella multocida Bacterins Prepared from Bacteria Propagated in Iron-Depleted Medium," <i>Avian Diseases</i> , 1993; <i>37</i> :1074-1079.						
		Glisson et al., "In Vivo Antigen Expression by Pasteurella multocida," <i>Avian Diseases</i> , 1991; <i>35</i> :392-396.						
		Goding, <i>Monoclonal Antibodies: Principles and Practice</i> , Academic Press, 1986; cover pg., publication pg., and 162-165.						
EXAMI	NER	Manufuld Date Considered 7/7/03						
		ation considered, whether of not citation is in conformance with MPEP 609; Draw line through citation if not in nsidered. Include copy of this form with next communication to applicant.						

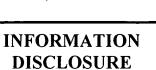
OMB No. 0651-0011

		Page 5 of 10.
INFORMATION	Atty. Docket No.: 293.00020101	Serial No.: 10/038,504
DISCLOSURE	Applicants: Emery et al.	Confirmation No.: 5492
STATEMENT	Filing Date: January 3, 2002	Group: 1646
	Information Disclosure Statement Filed:	August <u>26</u> , 2002 8

Elaminer Initial		Document Description			
MA 2002	<u> </u>	Griffiths et al., "Naturally Occurring Antibodies in Human Sera that React with the Iron-Regulated Outer Membrane Proteins of <i>Escherichia coli</i> ," <i>Infect. Immun.</i> , 1985 Mar.; 47(3):808-813.			
MAN		Griffiths et al., "Pathogenic <i>Escherichia coli</i> express new outer membrane proteins when growing vivo," <i>FEMS Microbiology Letters</i> , 1983; <i>16</i> :95-99.			
M.	4	Hancock et al., "Iron Transport in <i>Escherichia coli</i> K-12: Involvement of the Colicin B Receptor and of a Citrate-Inducible Protein," <i>J. of Bacteriol.</i> , 1976 Sept.; 127(3):1370-1375.			
		Harlow et al., <i>Antibodies: A laboratory manual</i> , Cold Spring Harbor Laboratory Press, Cold Spring Harbor, 1988; Cover page, Publication page, and 689. (3 pgs.)			
		Heinrichs et al., "Identification and characterization of SirA, an iron-regulated protein from <i>Staphylococcus aureus</i> ," <i>J. Bacteriol</i> . 1999 Mar.; 181(5):1436-1443.			
M	-42 1	Helenius et al., "Solubilization of Membranes by Detergents," <i>Biochim. Biophys. Acta.</i> , 1975; 415:29-79.			
M.	$\Lambda = \begin{bmatrix} 1 \end{bmatrix}$	Hirst et al., "Iron-regulated outer membrane proteins of <i>Aeromonas salmonicida</i> are important protective antigens in Atlantic salmon against furunculosis," <i>Fish & Shellfish Immunology</i> , 1994; 4:29-45.			
M	4	Hjelmeland, "Solubilization of Native Membrane Proteins," <i>Methods in Enzymology: Guide to Protein Purification,"</i> Deutscher, Ed., Academic Press, San Diego, 1990; <i>182</i> :253-264.			
		Hudson et al., "Lymphokines and Cytokines," <i>Practical Immunology</i> , Oxford, Blackwell Scientific Publications, 1989, 3 rd Edition, 423-441.			
		Hussain et al., "A Lithium Chloride-Extracted, Broad-Spectrum-Adhesive 42-Kilodalton Protein of <i>Staphylococcus epidermidis</i> is Ornithine Carbamoyltransferase," [online]. <i>Infect. Immun.</i> , 1999 Dec.; 67(12):6688-6690. [retrieved on 2002-07-12]. Retrieved from the Internet: <url:http: 12="" 6688?view="full&pmid=10569792." 67="" 8="" cgi="" content="" full="" iai.asm.org="" pgs.<="" td=""></url:http:>			
M.		Ikeda et al., "Antigenically Related Iron-Regulated Outer Membrane Proteins Produced by Different Somatic Serotypes of <i>Pasteurella multocida</i> ," <i>Infection & Immunity</i> , 1988 Sept.; 56(9):2499-2502.			

MM Minnfield 7/7/03

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



STATEMENT



Atty. Docket No.: 293.00020101

Applicants: Emery et al.

Filing Date: January 3, 2002

Information Disclosure Statement Filed:

Serial No.: 10/038,504

Confirmation No.: 5492

Group: 1646

August 26, 2002

Examiner Initial		Document Description 28
OIPE	VE 1/2	Johansen et al., "Prevention of Edema Disease in Pigs by Vaccination with Verotoxin 2e Toxoid," Can. J. Vet. Res., 1973; 61:280-285.
NIG 28	THAT Y	Jousimies et al., "Genetic analysis of <i>Salmonella minnesota</i> R mutants with defects in the biosynthesis of the lipopolysaccharide core," <i>J Bacteriol.</i> , 1974 Sept.; 119(3): 753-9.
77:84		Keler et al., "Metachromatic Assay for the Quantitative Determination of Bacterial Endotoxins," <i>Analyt. Biochem.</i> 1986; <i>156</i> :189-193.
		Kizil et al., "Identification and Characterization of TspA, a Major CD4 ⁺ T-Cell-and B-Cell-Stimulating <i>Neisseria</i> -Specific Antigen," [online]. [retrieved on 2002-07-15]. Retrieved from the Internet: <url:http: 3533?maxtoshow="&HITS=10&hit" 67="" 7="" cgi="" content="" full="" iai.asm.org="" s="10&RESULTFORMAT=&searchid=1026752040493_2258&stored_search=&FIRSTINDEX=0&volume=67&firstpage=3533&journalcode=iai">. 19 pgs.</url:http:>
		Klebba et al., "Kinetics of Biosynthesis of Iron-Regulated Membrane Proteins in Escherichia coli," Journal of Bacteriology, 1982 Mar.; 149(3):880-888.
		Köhler et al., "Continuous cultures of fused cells secreting antibody of predefined specificity," <i>Nature</i> , 1975 Aug. 7;256:495-7.
		Laemmli, "Cleavage of structural proteins during the assembly of the head of bacteriophage T4," <i>Nature</i> , 1970 Aug. 15;227(5259):680-5.
		Lindsay et al., "Staphylococcus aureus but not Staphylococcus epidermidis can acquire iron from transferrin," Microbiology, 1995; 141:197-203.
		Lindsay et al., "Staphylococcal iron requirements, siderophore production, and iron-regulated protein expression," <i>Infect. Immun.</i> , 1994 Jun.; 62(6):2309-14.
		Lu et al., "A Monoclonal Antibody Against a <i>Pasteurella Multocida</i> Outer Membrane Protein Protects Rabbits and Mice Against Pasteurellosis," <i>Infect. Immun.</i> , 1991 Jan.; 59(1):172-180.
		Lu et al., "The Outer Membrane of <i>Pasteurella multocida</i> 3:A Protects Rabbits Against Homologous Challenge," <i>Infect. Immun.</i> , 1991 Dec.; <i>59</i> (12):4517-4523.
M		Lübke et al., "Isolation and partial characterization of the major protein of the outer membrane of Pasteurella haemolytica and Pasteurella multocida," <i>Zbl. Bakt.</i> , 1994 Jun; 281:45-54.

EXAMINER	Date Consider	red
nm Minnese	eld	7/7/03
*Examiner: Initial if citation considered, whether or no citat conformance and not considered. Include copy of this form w	ion is in conformance with MPE with next communication to application	P 609; Draw line through citation if not i

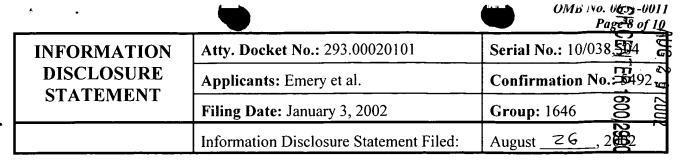
INFORMATION
DISCLOSURE
STATEMENT

Atty. Docket No.: 293.00020101	Serial No.: 10/038,504			
Applicants: Emery et al.	Confirmation No.: 542			
Filing Date: January 3, 2002	Group: 1646			
Information Disclosure Statement Filed:	August <u>2</u> C, 2002			

Examiner Ipitialo		Document Description		
MP 58	FICE ZV.OS	Mäkelä et al., "Participation of lipopolysaccharide genes in the determination of the enterobacterial common antigen: analysis of R mutants of <i>Salmonella minnesota</i> ," <i>J Bacteriol</i> . 1974 Sept.;119(3):760-4.		
A AC	Maniatis et al., <i>Molecular cloning: A Laboratory Manual</i> , Cold Spring Harbo Lab., New York, 1982, Cover pg., Publication pg., and Table of Contents onl pgs.).			
		Mazurier et al., "Visualization of Lactotransferrin Brush-Border Receptor by Ligand-Blotting," <i>Biochim. Biophys. Acta.</i> , 1985; 821:453-460.		
m	a	Medearis Jr. et al., "Cell Wall Composition and Virulence in Escherichia Coli," <i>The Journal of Experimental Medicine</i> , 1968; 128(2):399-414.		
•		Merrifield, "Solid Phase Peptide Synthesis. I. The Synthesis of a Tetrapeptide," <i>J. Am. Chem. Soc.</i> , 1963 July 20; 85(14):2149-2154.		
		Modun et al., "The Staphylococcus aureus and Staphylococcus epidermidis transferrin-binding proteins are expressed in vivo during infection," Microbiology, 1998; 144:1005-12.		
M	+	Murray et al., "Antigenic analysis of iron-regulated proteins in <i>Pasteurella haemolytica</i> A and T biotypes by immunoblotting reveals biotype-specific epitopes," <i>J Gen Microbiol.</i> , 1992 Feb.; <i>138</i> :283-8.		
M		Muthukkaruppan et al., "Monoclonal antibodies against <i>Salmonella</i> porins: generation and characterization," <i>Immunol Lett.</i> 1992; <i>33</i> :201-6.		
		Nagaraja, "Influence of environment and other infectious agents on <i>E. coli</i> infection," <i>Poultry Digest</i> , 1984 Apr.; 150.		
		Neilands, "Microbial Envelope Proteins Related to Iron," <i>Ann. Rev. Microbiol.</i> , 1982; <i>36</i> :285-309.		
M	*	Neilands, "Microbial Iron Compounds," Ann. Rev. Biochem., 1981; 50:715-731.		
1	R	Neugebauer, "Chapter 18: Detergents: An Overview," <i>Methods in Enzymology: Guide to Protein Purification</i> , Deutscher, Ed., Academic Press, San Diego, CA, 1990; <i>182</i> :Cover pg., Publication pg., and 239-253.		

EXAMINER	Date Considered	/ /
MM Minnifuld	/	7/7/03

*Examiner: Initial if citation considered, whether or not ditation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Examiner		Document Description				
0,,,	50.12 371430	Nikaido et al., "Chapter 3: Outer Membrane." <i>Escherichia coli and Salmonella typhimurium: Cellular and Molecular Biology, Neidhardt et al., eds. American Society for Microbiology,</i> Washington, D.C., 1987; Cover page, publication page, and 7-22.				
AUG 28	MARK	Nilius et al., "Identification of Extracellular Siderophores of Pathogenic Strains of Aspergillus Fumigatus," J. Med. Vet. Mycol., 1990; 28(5):395-403.				
		Ogawa et al., "Immunochemical and Biological Characterization of Outer Membrane Proteins of <i>Porphyromonas endodontalis</i> ," <i>Infect. Immun.</i> , 1992 Nov.; 60(11):4528-4533.				
		Ogunnariwo et al., "Correlation Between the Ability of Haemophilus paragallinarum to Acquire Ovotransferrin-Bound Iron and the Expression of Ovotransferrin-Specific Receptors," <i>Avian Diseases</i> , 1992; <i>36</i> :655-663.				
		Ogunnariwo et al., "Evidence for Non-Siderophore-Mediated Acquisition of Transferrin-Bound Iron by <i>Pasteurella Multocida</i> ," <i>Microbial. Pathogenesis</i> , 1991; <i>11</i> :47-56.				
M	·	Osborn et al., "Proteins of the Outer Membrane of Gram-Negative Bacteria," <i>Ann. Rev. Microbiol.</i> , 1980; <i>34</i> :369-422.				
11	A	Overbeek et al., "Carumonam Enhances Reactivity of <i>Escherichia coli</i> with Mono- and Polyclonal Antisera to Rough Mutant <i>Escherichia coli</i> J5," <i>J. Clin. Microbiol.</i> 1987 June; 25(6):1009-1013.				
		Porter et al., "Escherichia coli Antigens as Dietary Additives for Oral Immunisation of Pigs: Trials with Pig Creep Feeds," Vet. Record, 1973 June 16; 92(24):630-636.				
		Rimler, "Cross-Protection Factor(s) of Pasteurella multocida: Passive Immunization of Turkeys Against Fowl Cholera Caused by Different Serotypes," <i>Avian Diseases</i> , 1987; <i>31</i> :884-887.				
1111		Rimler, "Partial Purification of Cross-Protection Factor(s) from Pasteurella multocida," <i>Avian Diseases</i> , 1994; 38:778-789.				
		Rimler, "Solubilization of Membrane-Associated Cross-Protection Factor(s) of Pasteurella Multocida," <i>Avian Diseases</i> , 1989; 35:258-263.				

EXAMINER Minispeld	Date Considered 7/7/03
*Evenings Likelik is its time and what are an addition is	SAL MADED (OO. D

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT

Atty. Docket No.: 293.00020101	Serial No.: 10/038,504			
Applicants: Emery et al.	Confirmation Not: 5492			
Filing Date: January 3, 2002	Group: 1646 ♀			
Information Disclosure Statement Filed:	August 26 \$2002			

			<u>-o</u>	က
Examiner Initial		Document Description	8	200
1800	PES	Robledo et al., "Outer membrane proteins of E. coli in the host-pathog interaction in urinary tract infection," <i>J Urol.</i> , 1990 Feb; <i>143</i> :386-91.	en so	į)
EL.	8 2002 8 2002	Snipes et al., "Plasma- and Iron-regulated Expression of High Molecu Outer Membrane Proteins by <i>Pasteurella multocida</i> ," <i>Am. J. Vet. Res.</i> , 49(8):1336-1338.		_
RAD	EMARIK	Stewart et al., <i>Solid Phase Peptide Synthesis</i> , 2 nd Edition, Pierce Cherr Rockford IL, 1984; Cover page, Publication page, and Table of Contempss.).		
		Stuart et al., "Iron-Suppressible Production of Hydroxamate by <i>Escher</i> Isolates," <i>Infect. Immun.</i> , 1982 June; <i>36</i> (3):870-875.	ichia c	oli
		"Title 9: Animals and Animal Products," 9 CFR 113.120, 122, 123, ur pgs.).	idated,	(2
		Trivier et al., "Influence of iron depletion on growth kinetics, sideroph production, and protein expression of <i>Staphylococcus aureus</i> ," <i>FEMS Lett.</i> , 1995; 127:195-200.		biol.
		Truscott et al., "Demonstration of an Outer Membrane Protein with Antiphagocytic Activity from <i>Pasteurella multocida</i> of Avian Origin,' <i>Immunity</i> , 1988 June; 56(6):1538-1544.	' Infect	
		Tufano et al., "Properties of <i>Yersinia enterocolitica</i> porins: interference biological functions of phagocytes, nitric oxide production and selectivelease," <i>Res Microbiol.</i> , 1994 May; <i>145</i> :297-307.		kine
		Vasfi Marandi et al., "The 32 kDa major outer-membrane protein of <i>P multocida</i> capsular serotype D," <i>Microbiology</i> , 1996 Jan.; <i>142</i> :199-206		ella
M		Visca et al., "Siderophore production of <i>Salmonella</i> species isolated fr different sources," <i>FEMS Microbiology Lett.</i> , 1991; 79:225-232.	om	
		Watson et al., eds. <i>Endotoxins and Their Detection With the Limulus A Lystate Test</i> , Alan R. Liss, Inc. 150 5 th Avenue, New York, 1982; cover publication page, and table of contents only. (4 pgs.).		
		Wells et al., "What is the Current Milk Quality in the U.S.?" [online]. Mastitis Council, [retrieved on 2000-08-29]. Retrieved from the Interr <url:http: articles="" usquality.htm="" www.nmconline.org="">. 7 pgs.</url:http:>		al

EXAMINER M. Minus	1.01	Date Considered	7/-	7/03
I I I I I I I I I I I I I I I I I I I	ucca		// '	// -

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION	Atty. Docket No.: 293.00020101	Serial No.: 1	
DISCLOSURE	Applicants: Emery et al.	Confirmation	
STATEMENT	Filing Date: January 3, 2002	Group: 1646	
•	Information Disclosure Statement Filed:	August 26	

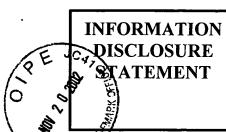
			160	2
Examin		Document Description	0/29	20 0
AUG 28	7002 3	Williams et al., "Novel Aerobactin Receptor in Klebsiella pneumoniae, of General Microbiology, 1989; 135:3173-3181.	'Æur	nal
N. A.	MARKON	Yokoyama et al., 'Effect of Oral Egg Antibody in Experimental F18 ⁺ Es coli Infection in Weaned Pigs," J. Vet. Med. Sci., 1997 Oct., 59(10):91		
,		Zhao et al., "Expression of Iron-Regulated Outer Membrane Proteins by Strains of <i>Pasteurella multocida</i> ," <i>Canadian Journal of Veterinary Rese</i> 1995; <i>59</i> (1):46-50.		

EXAMINER M. Manyfuld

Date Considered

7/7/03

OMB 110. 0031-0011
Page 1 of 1



	rugeroji
Atty. Docket No.: 293.00020101	Serial No.: 10/038,504
Applicant(s): Emery et al.	Confirmation No.: 5492
Application Filing Date: January 3, 2002	Group: 1645
Information Disclosure Statement mailed:	November 15, 2002

#7

U.S. PATENT DOCUMENTS

Examiner Initial	i	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		NONE					

FOREIGN PATENT DOCUMENTS

Examiner	Document Number	Date	Country	Class	Subclass	Trans	slation
Initial						Yes	No
	NONE						
	 			ı			

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Document Description		
M	Ferguson et al., "Siderophore-mediated iron transport: crystal structure of FhuA with bound lipopolysaccharide," <i>Science</i> . 1998 Dec 18;282(5397):2215-20.		
	RECEI		
	NOV 2 2		
	TECH CENTER 1		
	TEON CENTER		

EXAMINER MARGICA	Date Considered 7/7/03			
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Though copy of this form with next communication to applicant.				